

1. A system for generating sub-language models, comprising:
 a. a web summary knowledge database (32);
 b. a conceptual knowledge database unit (36);
 c. a phonetic knowledge unit (34);
 d. a large language model (HMMs) (37);
 e. a model partitioning unit (40);
 f. a large dictionary (pronunciation rules) (42); and
 g. multiple sub-language models (38).
 The system is configured such that the web summary knowledge database (32) provides data to the conceptual knowledge database unit (36). The conceptual knowledge database unit (36) provides data to the model partitioning unit (40). The phonetic knowledge unit (34) provides data to the model partitioning unit (40). The large language model (HMMs) (37) provides data to the model partitioning unit (40). The model partitioning unit (40) provides data to the large dictionary (pronunciation rules) (42). The large dictionary (pronunciation rules) (42) provides data to the model partitioning unit (40). The model partitioning unit (40) generates the multiple sub-language models (38).

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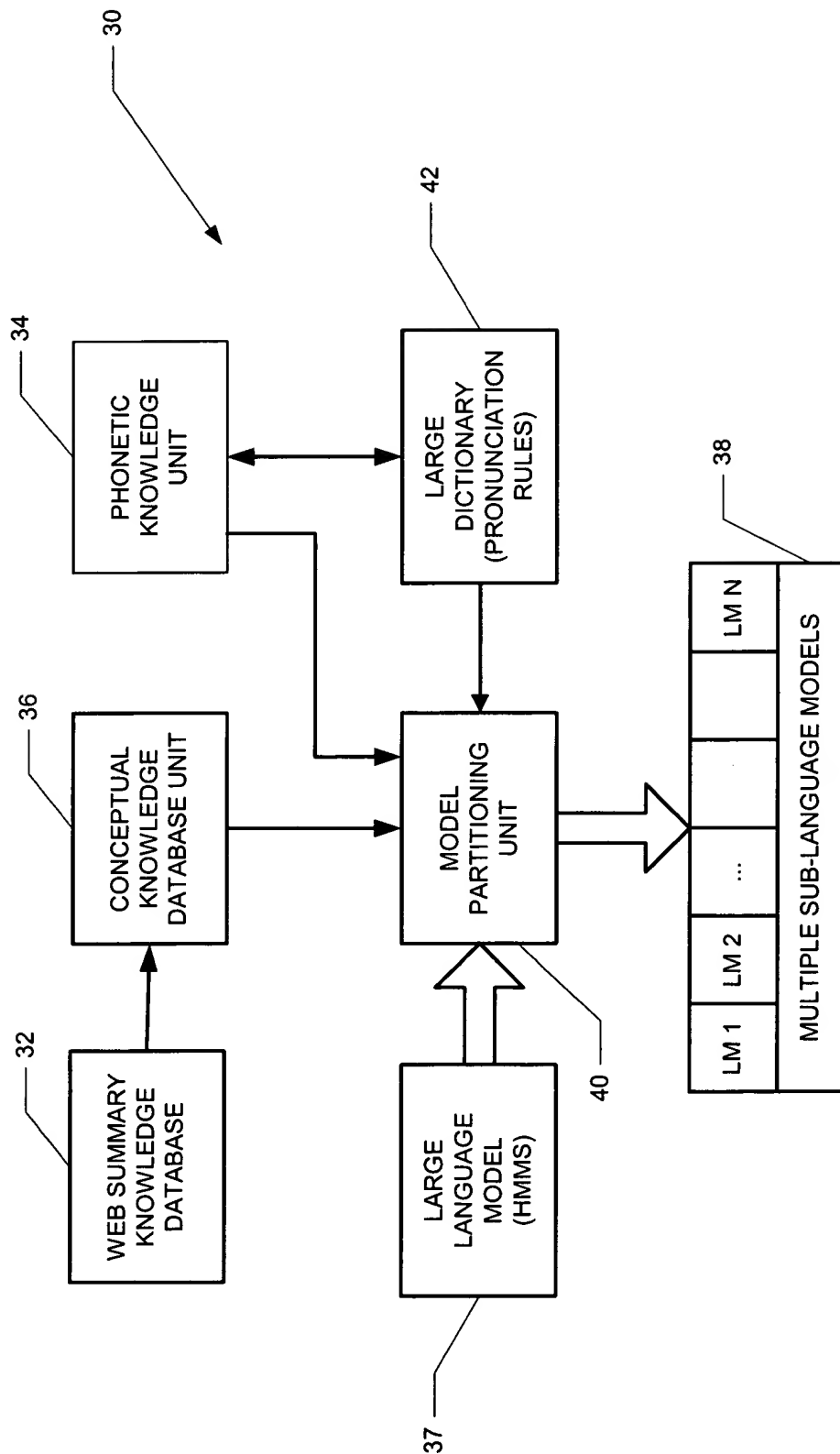


FIG. 1

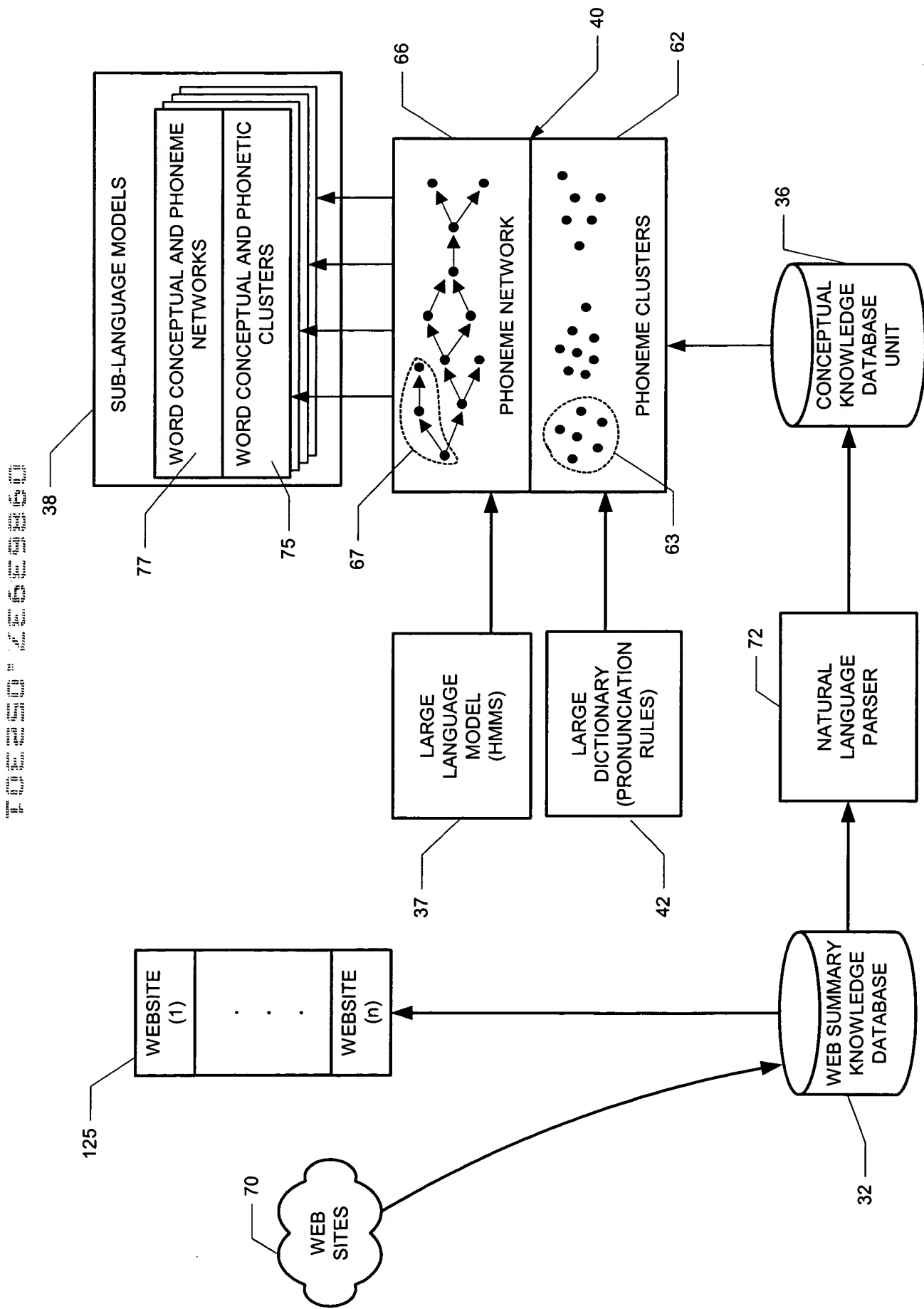
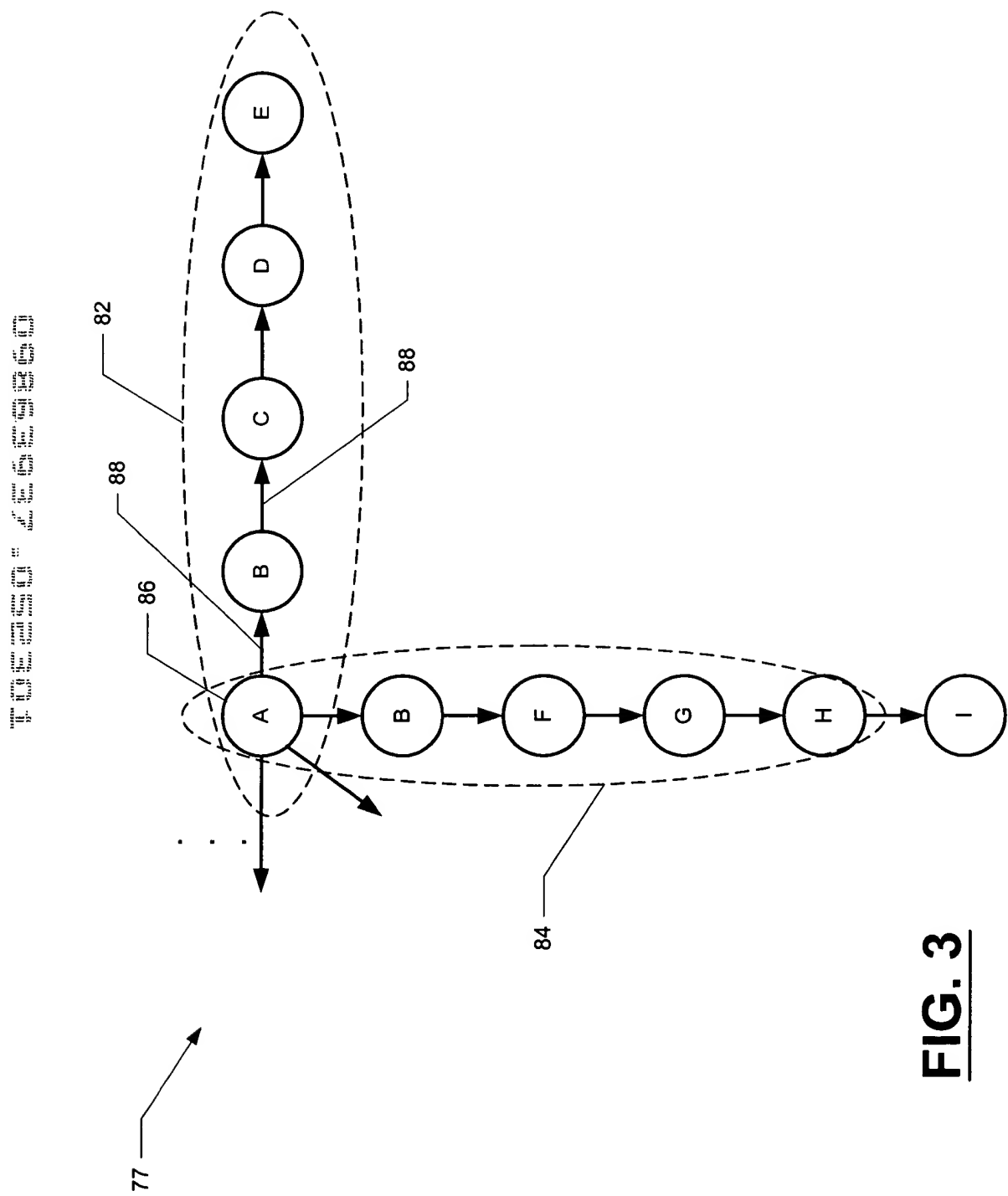


FIG. 2



11. The system of claim 10, wherein the word clusters are generated by a word cluster generator.

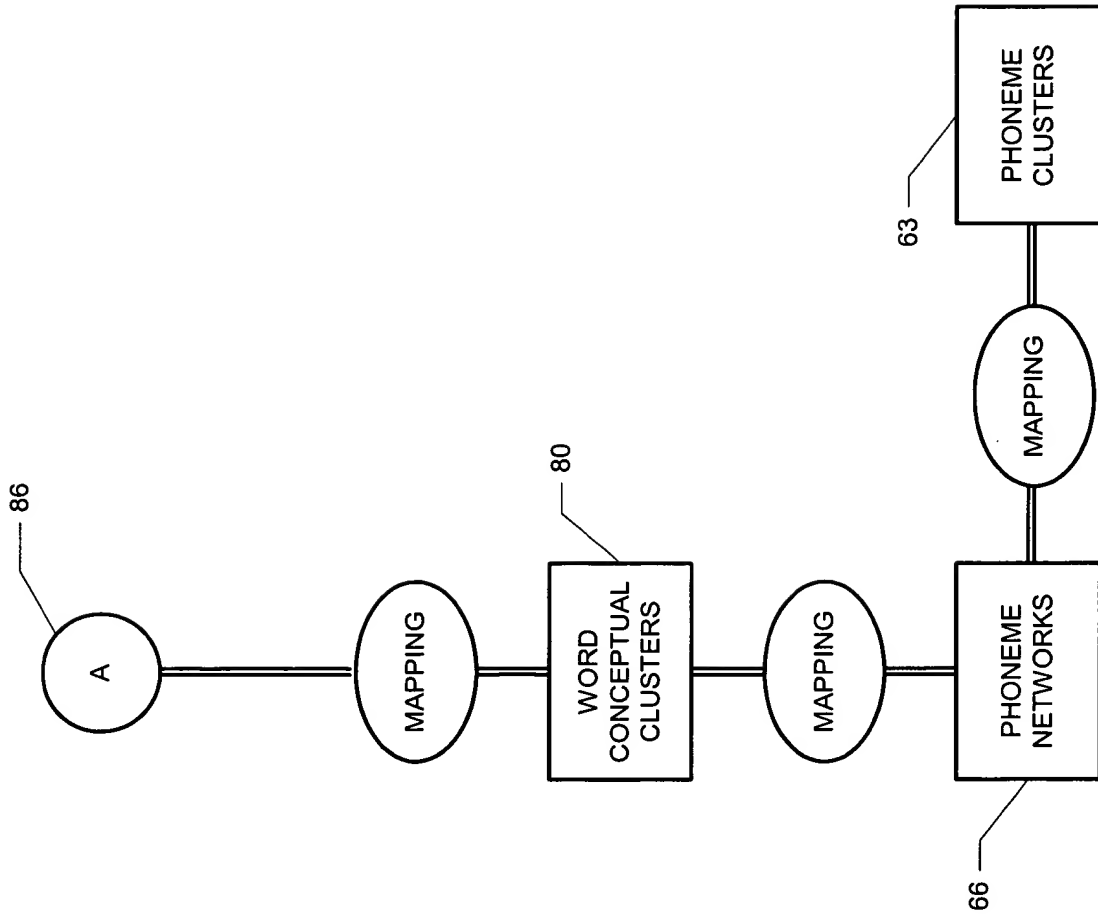


FIG. 4

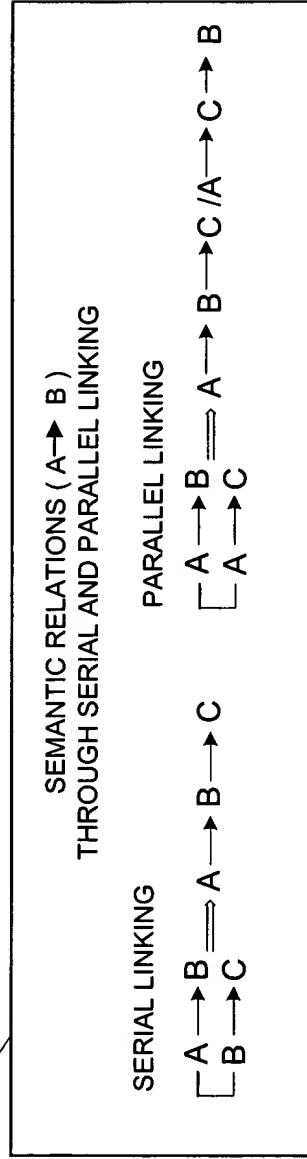


FIG. 5

FIG. 6 is a block diagram of a system for generating dynamic language models for city names. The system includes a phonetic knowledge unit (34), a conceptual knowledge database unit (36), a web summary knowledge database (32), a large language model (HMMs) (37), a model partitioning unit (40), a large dictionary (pronunciation rules) (42), multiple sub-language models (38), a dynamic partitioning unit (44), a dialogue control unit (48), and node-specific language models (46). The system also includes an internet weather web site (104) and a similarly sounding city names dynamic model (102).

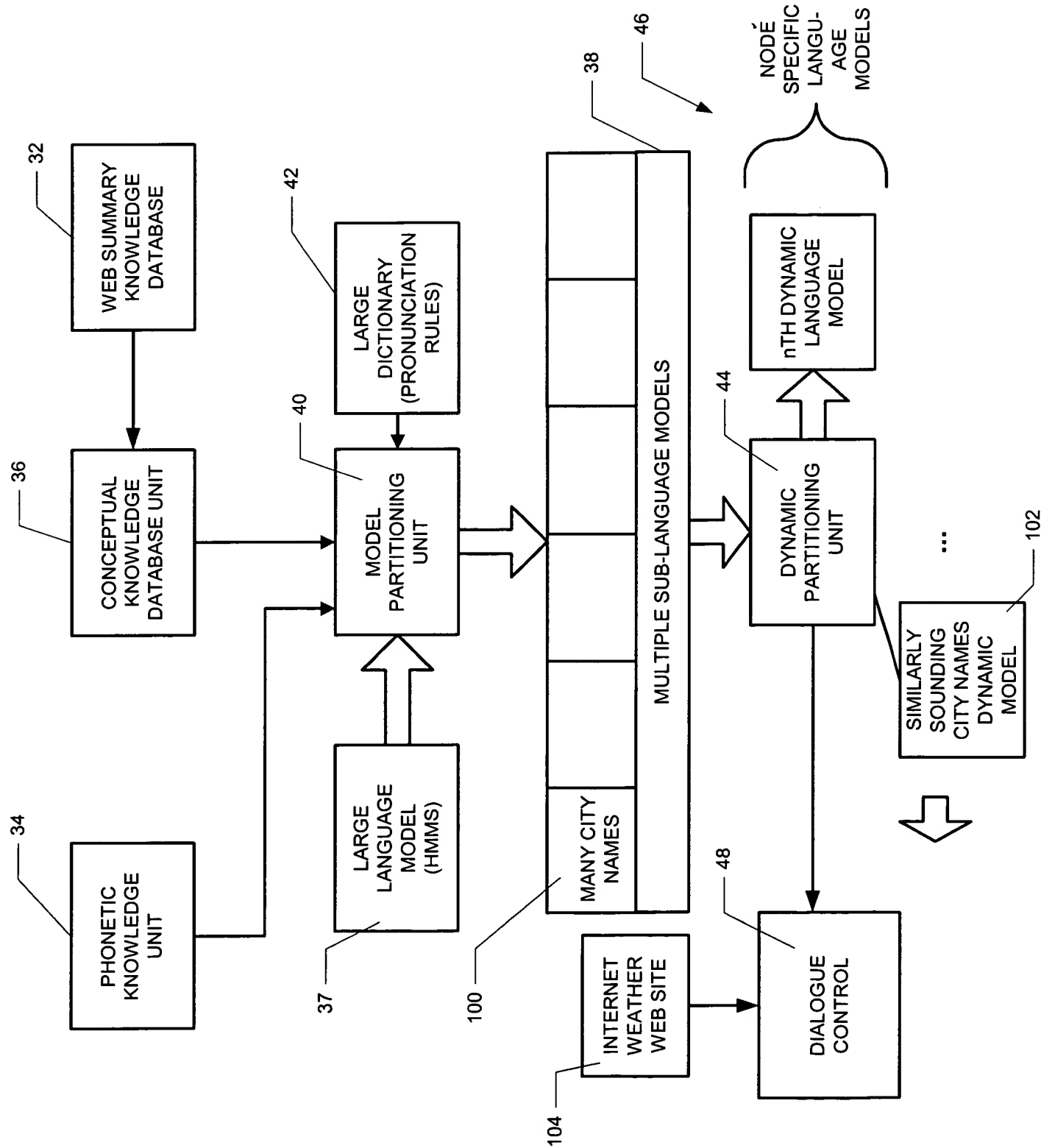


FIG. 6

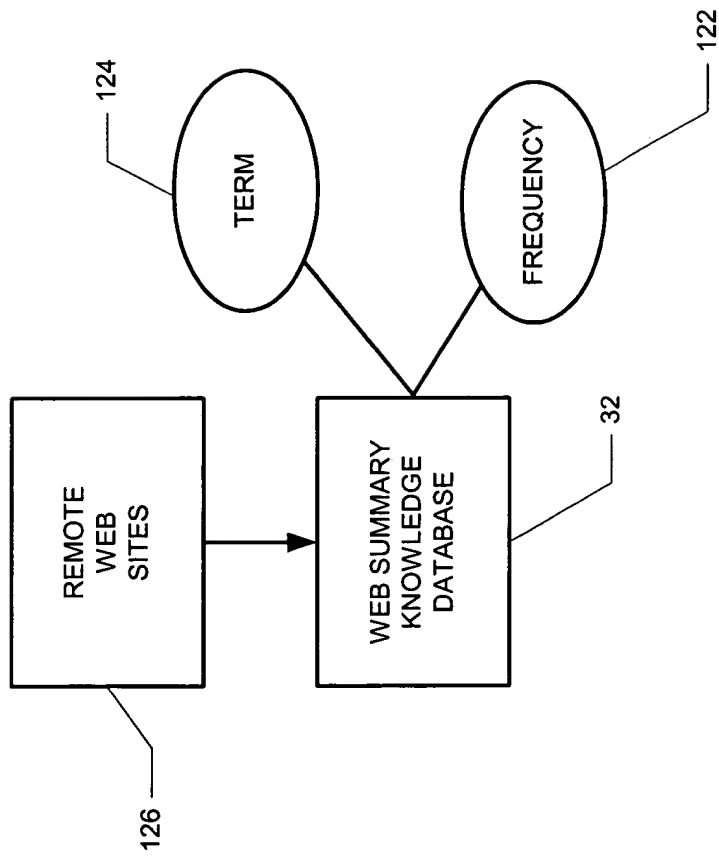


FIG. 7

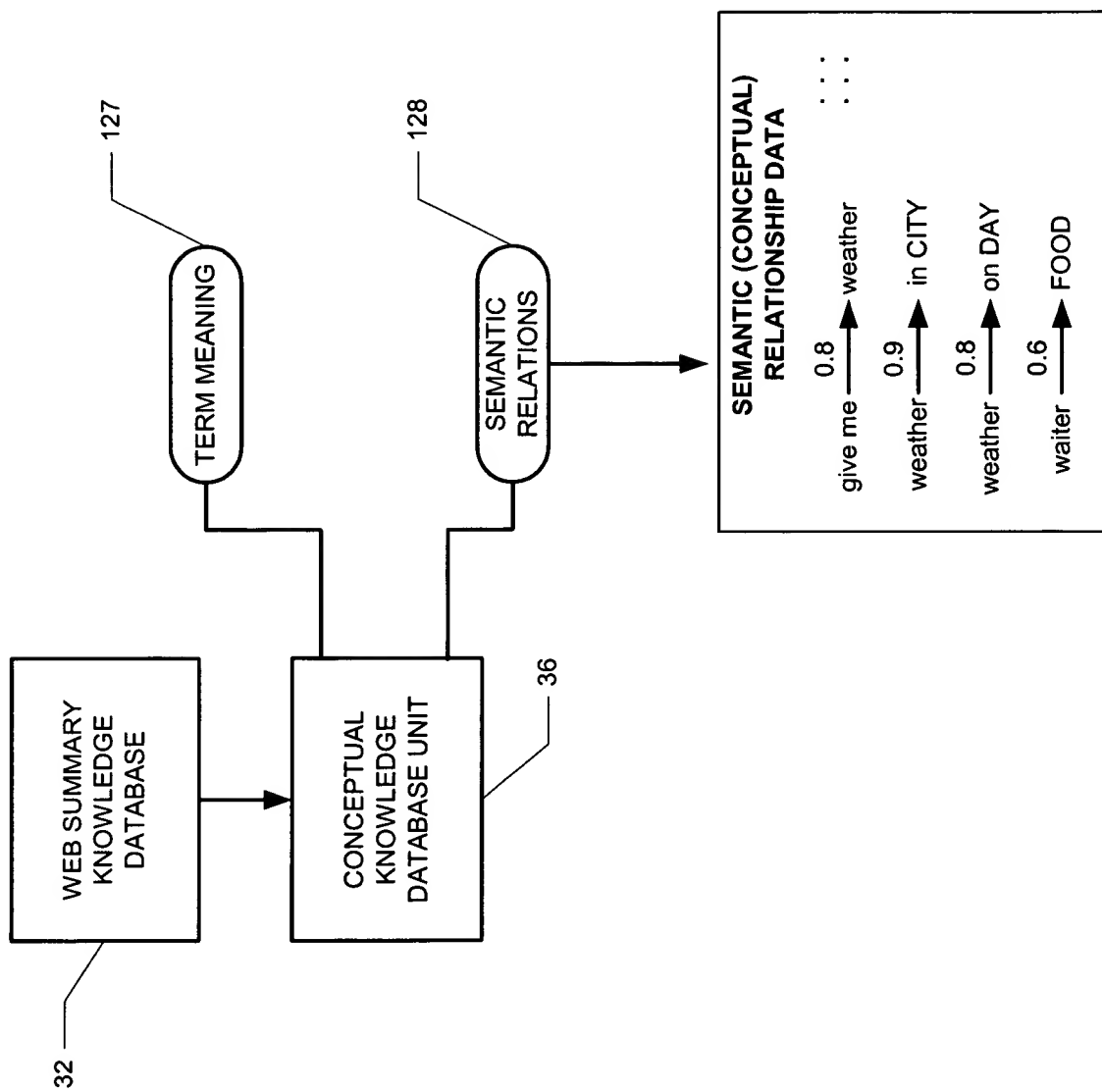


FIG. 8

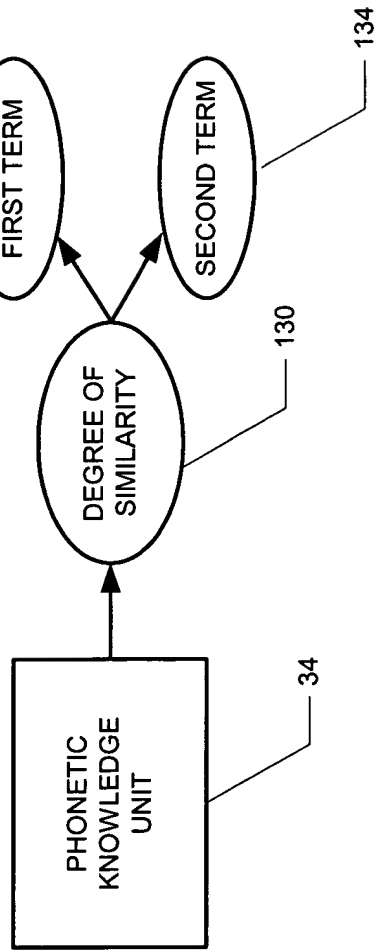


FIG. 9